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# VIDEO SIGNAL PROCESSING UNIT, VIDEO SIGNAL PROCESSING METHOD AND RECORDING MEDIUM

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Abstract of **JP 10004562 (A)**

PROBLEM TO BE SOLVED: To ensure copying prevention effect while giving less disturbance onto a display on a television monitor. SOLUTION: Regular burst signals of (n+0)th to (n+3)th lines are replaced with burst signals a, b, c, d being copy prevention signals. For example, the signal (a) is obtained based on vector decomposition of the regular burst signal (n+0), and a mean value of phase vectors of the signals a, b, c, d is equal to a mean value of phase vectors of the regular burst signals of (n+0)th to (n+3)th lines. The signal (c) has a phase difference of 135 deg. with respect to the original regular burst signal (n+2), and then image is disturbed at reproduction by a VCR and a copy prevention effect is obtained. Furthermore, the signals a, b, d have a small phase difference of 45 deg. with respect to the original regular burst signals, a disturbance onto the monitor is small.; Excess correction of image disturbance is reduced without adjustment of a plurality of AGC circuits with different characteristics.